

Special Issue

Synthesis and Application of Metal Complexes in Medicine

Message from the Guest Editors

This Special Issue aims to showcase recent advances in the design, synthesis, characterization, and biological evaluation of metal-based compounds with diverse biological activities. Contributions addressing transition metal, main-group, and organometallic complexes are welcome, including studies focused on structure–activity relationships, mechanisms of action, redox behavior, and interactions with biomolecules such as proteins, nucleic acids, and biological membranes. Both experimental and theoretical investigations are encouraged, encompassing spectroscopic, electrochemical, computational, and bioinorganic approaches. Furthermore, this Special Issue seeks to bridge fundamental inorganic chemistry with applied biomedical research by promoting interdisciplinary studies that integrate coordination chemistry, materials science, molecular modeling, and biological evaluation. By bringing together original research articles and authoritative reviews, this Special Issue aims to provide a comprehensive platform for disseminating high-quality research and advancing the current understanding of the role of inorganic compounds in biomedical applications.

Guest Editors

Dr. Milena R. Kaluđerović

Department of Oral, Maxillary, Facial and Reconstructive Plastic Surgery, University Hospital of Leipzig, 04103 Leipzig, Germany

Dr. Žiko B. Milanović

Department of Science, Institute for Information Technologies Kragujevac, University of Kragujevac, Jovana Cvijića bb, 34000 Kragujevac, Serbia

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Inorganics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
inorganics@mdpi.com

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About the Journal

Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

Prof. Dr. Duncan H. Gregory

School of Chemistry, University of Glasgow, University Avenue, Glasgow
G12 8QQ, UK

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